OOK

Depth 6	Contents 7	Reference to last Measurement 8

1st & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

AEE/SSD/SBC/71/15-16

No. B 225320

Serial No. .....

Name of Work ...Improvements to Roads & drains from shettyhalli mainroad

Name of Contractor of nature of Agency ..M/s. to babanna layout, in ward no. 13, in

Date of commencement of work ...Shettyhalli sub-division.....

From..... To.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1) Work order NO :- EE/DD/WO/04/2015-16, Dt :- 15/04/2015						
	2) Job Code no :- 013-14-000005						
	3) AS no :- AC/D2/AA/027/14-15, Dt :- 02/09/2014						
	4) TS no :- EE/DD/TS/021/2014-15 Dt :- 02/09/2014						
	5) Est Cost :- Rs. 12.00 Lakhs						
	6) P. code NO :- 17711						
	7) Date of Recording :- 27-5-15						
	8) Name of Agency :- KRIDL						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipelines and cables) and removing the excavated stuff to a distance not ~~and~~ exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed Complete as per specification and direction of engineer-in-charge of the work.						
	TMB Page No :- 225369/1 to 69/2				Qty	vide 66.72 cum @ Rs. 124.02 ⇒ 8275=00	
	2) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters						

Serial No. .....
Name of Work .....
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2
	and an and sides after breal of Engineer TMB
	3) Providing & mix M 10 down size g

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
dinary soil for levelling and ther than foundation of buildings of pipelines and Cables) and a distance not ~~and~~ exceeding ted surface levelled and neatly d after breaking of clods and specification and direction of			
Qty	vide	66.72	cum
	@ Rs.	124.02	⇒ 8275=00
mooms in ordinary soil throw upto 2 meters			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225321

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	and an average and sides neatly dressed after breaking of clods complete as per specifications and direction of Engineer-in Charge of the work.	lift upto 0.5 m, excavated surface levelled & the disposed earth to be levelled neatly					
	TMB page no: 225369/2 to 70/2				Qty	vide	39.54 cum
					@ Rs.	65.88	⇒ 2605=00
3)	Providing & laying in position plain cement Concrete of nominal mix M10 with OPC cement @ 220 Kgs, with 40 mm & down size graded granite metal machine mixed Concrete laid in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, Hire of machinery curing complete as per specification & direction of Engineer of in-charge of the work.						
	TMB page NO :- 225371/1 to 71/2				Qty vide @ Rs.	26.12 Cum 4413.84 ⇒	1,15,290=00
4)	Removing B.S slab of drain & stacking. complete as per specification & direction of Engineer-in-charge of the work						
	TMB page NO :- 225372/1				Qty vide @ Rs	126.03 Sqm 49.18 ⇒	6,199=00

Serial No. .....
Name of Work .....
Name of Contractor of na
Date of commencement

Date	Full description
1	2
5)	Refixing S specification Qty vide
6)	Removing and direc
	TMB page

OK

Depth 6	Contents 7	Reference to last Measurement 8
...ell	Compacted, in foundation,	
...als, labour, Hire of machinery		
& direction of Engineer of		
vide	26·12 Cum	
@ Rs.	4413·84 ⇒ 1,15,290=00	
...talking. complete as per		
in-charge of the work		
vide	126·03 Sqm	
@ Rs	49·18 ⇒ 6,199=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225322

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
5)	Refixing stone slabs of drains & pointing in cm(1:3) Complete as per specification & direction of Engineer-in-charge of the work. Qty vide Item No. 4					126·03 Sqm @ Rs. 68·74 ⇒ 8664=00	
6)	Removing & resetting of footpath slab. Complete as per specification and direction of Engineer-in-charge of the work. TMB page No :- 225372/2 to 225373/1				Qty vide @ Rs.	296·55 Sqm 97·52 ⇒ 28920=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Providing Granite slabs of selected quality roughly dressed & fixed in cement mortar (1:6) including fixing curing etc., complete as per specification and direction of engineer-in-charge of work						
	TMB page No:- 225373/1				Qty vide	22.20 Sqm	
					@ ₹	337.08 ⇒	7483=00
8)	Providing & Constructing precast Concrete solid blocks with Compressive streangth not less than 35 kg/Sqm with Cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with Solid Concrete blocks of size 40 x 20 x 20 cms Confirming to IS: 2185/1965 in Superstructure including cost of materials, labour charges, scaffolding, curing complete as per specification and direction of engineer-in-charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	TMB Page No:-
9)	Providing and Compressive 1:4 masonry blocks of S Superstructure ding, curing -in-charge of

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225323

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	TMB Page No:- 225373/2			Qty	Vide	131.80	Sqm
					@ Rs.	907.36	⇒ 1,19,590=00
9)	Providing and Constructing precast Concrete solid blocks with Compressive strength not less than 35 kg/ Sqm with cement mortar 1:4 masonry (Quoin, Jamb, closer blocks) with solid Concrete blocks of size 40 x 15 x 20 cms confirming to I:S, 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specification & direction of engineer -in-charge of the work.						

OK

Depth 6	Contents 7	Reference to last Measurement 8
	roughly dressed & fixed	
ixing	curing etc., Complete	
f	engineer-in-charge of work	
vide	22.20	Sqm
@ Rs	337.08	⇒ 7483=00
crete	solid blocks with	
n 35	kg/ Sqm with	
Jamb,	closer blocks) with	
20 x 20	cms confirming	
re	including cost of	
,	curing complete as per	
in-charge	of the work.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	TMB page no:- 225374/1			Qty	vide	131.80	Sqm
					@ Rs.	802.42	⇒ 1,05,759-00
10)	Providing & laying in position plain cement concrete of mix M15 with cement @ 240 kgs, with 20 mm & down size graded granite metal coarse aggregates @ 0.878 cum & fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundation, plinth and sills, including cost of all materials, labour, hire of machinery, curing complete as per specification & direction of Engineer in-charge of the work.						
				Qty	vide	6.59	Cum
	TMB page no:- 225374/2 to 225375/1				@ Rs.	4690.50	⇒ 30910=00

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
11)	Providing & 3 using 20m dia steel @ and direction Shettyhalli mainro from mallasandra road to babann

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Depth 6	Contents 7	Reference to last Measurement 8
vide	131.80	Sqm
@ Rs.	802.42	⇒ 1,05,759=00
ent of mix M15 with		
down size graded granite		
& fine aggregates @		
laid in layers not exceeding		
ndation, plinth and sills,		
n, hire of machinery, curing		
tion of Engineer in-charge		
vide	6.59	Cum
@ Rs.	4690.50	⇒ 30910=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225324

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
11)	Providing & laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm & downsize graded granite metal using HYSD 10 mm dia steel @ 100 mm c/c both ways & complete as per specification and direction of Engineer-in-charge of the work.						
	Shettyhalli mainroad -						
	from mallasandra main road to babanna layout	1	28.00	0.90		25.20	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	6.20	0.90		5.58	
		1	13.00	0.90		11.70	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.00	0.90		19.80	
		1	17.30	0.90		15.57	
	2nd Cross road	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	Closed
		1	6.00	0.90		5.40	Final
		1	30.00	0.90		27.00	
		1	27.00	0.90		24.30	
	missed slabs –	30	0.60	0.90		21.60	
	mallasandra mainroad			1.20			
	tirumpa college	28	0.60	1.20		20.16	
	Srirama Temple	30	0.60	0.90		16.20	
		20	0.60	0.90		10.80	
						365.31	
		Qty vide		lmtd	+0	365.04	sqm

Serial No. .....
Name of Work .....
Name of Contractor of
Date of commencemen

Date	Full descripti
1	2
12)	Disposal of and as 3 km a) KSRRB: 1.28 Tonne complete a of the Qty vide

OK

Depth 6	Contents 7	Reference to last Measurement 8
	19.80	
	15.57	
	27.00	
	27.00	
	5.40	
	27.00	
	24.30	
	21.60	
	20.16	
	16.20	
	10.80	
	365.31	
to	365.04	sqm

Checked Final Bill 17/10/65

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225325

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					@ Rs.	1600=00	5,84,064=00
12)	Disposal of debris to the final place of disposal with all lead & lift and as direction by the engineer in charge of the work, lead 3 Km a) Basic rate for haulage of materials as per Item no. 17/4/ KSRRB: M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading complete as per specification & direction of Engineer-in-charge of the Works.						
	Qty. vide Item no ÷ 1+2					106.26	Cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cleared site				Qty vide	106.26	Cum
					@ Rs.	74.07	⇒ 7871=00
						Grand Total Rs.	10,25,630=00
	Add :- 10% KRIDL charges + 1% Cess charges					⇒	1,32,000=00
	Add :- 1% Quality test reports charges					⇒	12,000=00
						Bill Amount of Rs.	11,69,630=00
	Certificate :-						
	1) The contractor has done the work satisfactorily.						
	2) The Contractor has removed the debris from the Workspot.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಮಾಗಡಿ ಮೇಲು

27-5-15

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	G.Sc

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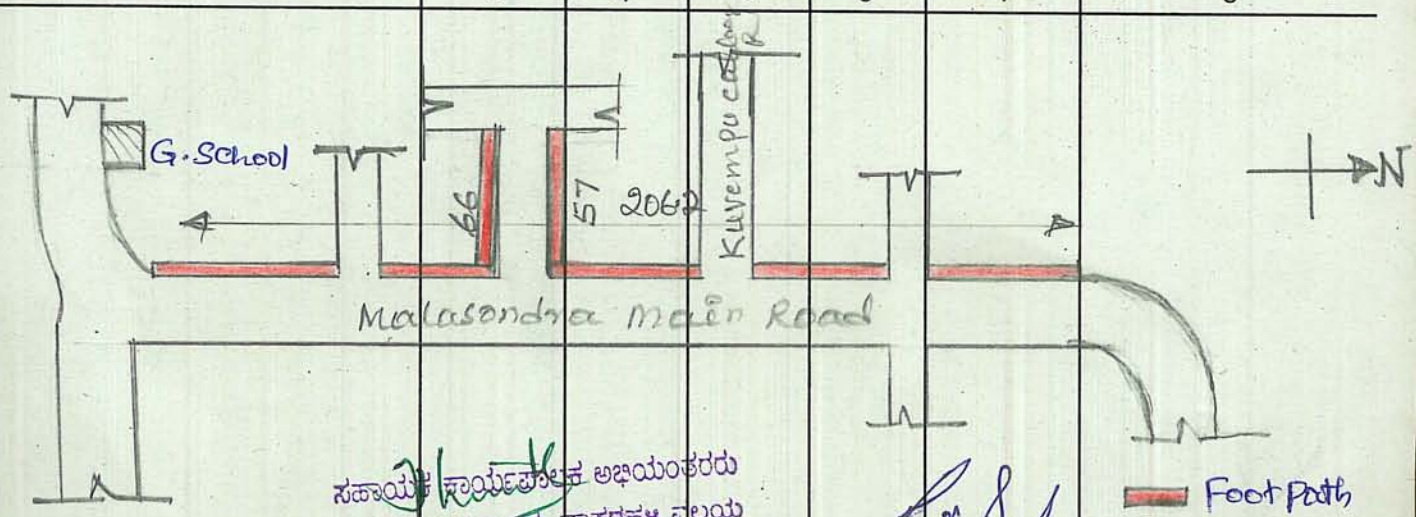
h	Depth 6	Contents 7	Reference to last Measurement 8
ty	vide	106.26 Cum	
	@ Rs.	74.07 ⇒ 7871=00	
rard	Total Rs.	10,25,630=00	
.	Cess charges	⇒ 1,32,000=00	
	harges	⇒ 12,000=00	
	Amount of Rs.	11,69,630=00	
K	satisfactorily.		
u	debris from the Workspot.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 225326

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು